Index of Claims

| Appli | icatio | n/Con   | trol | Nο   |
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10/656,363

Examiner

Date

Kallambella Vijayakumar

Applicant(s)/Patent under Reexamination

HATTORI ET AL.

Art Unit

1751

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

Claim

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                  | aim  | <b> </b> _   | _        |          |          | Dat          | e        |          |          |          |
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| Final                | Original                                     |              | 4/11/06  |          |          |              |          |          |          |          |
| 1                    | 1  |              | =        | -        | T        | 1            |          | Т        | <u> </u> | T        |
| 2                    | 2  | $\vdash$     | =        |          | T        |              |          | 1        | $\vdash$ |          |
| 3                    | 3  |              | =        |          |          |              |          |          |          |          |
| 4<br>5<br>6<br>7     | <u>4</u><br>5                                | $oxed{oxed}$ | Ξ        |          |          |              |          |          |          |          |
| 5                    | 5  | L            | =        |          |          |              | _        |          |          |          |
| 6                    | 6<br>7                                       | ┖            | ▝        | _        | _        | _            | <u> </u> | L.       | ┖        | <u> </u> |
| 7                    |  | <u> </u>     | =        | _        | _        | <u> </u>     | ļ_       | <u> </u> | L        |          |
| 8                    | 8  | <u> </u>     | =        | <u> </u> | <u> </u> | -            | ┡        | <u> </u> | ┞-       | ├_       |
| 9                    | 10   | ┺            | Ŀ        | ├        | -        | <del> </del> | ├        | -        | <b> </b> | <u> </u> |
| 10                   | 11   | ├            | =        | ├        | ╀        | ╁            | ⊢        | ╁        | ┼        | ┝        |
| 11                   | 12   | $\vdash$     | =        | H        | ┢        | $\vdash$     | $\vdash$ | 1        | $\vdash$ | $\vdash$ |
| 12                   | 13   |              | =        | $\vdash$ | †-       | H            | +-       | t        | <u> </u> | -        |
| 11<br>12<br>13<br>14 | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | T            | ₣        | Т        | T        | $\vdash$     | T        | T        | r        |          |
| 14                   | 15   |              | =        |          | Г        | Γ            |          | T        | Г        | T        |
|                      | 16   |              |          |          |          |              |          |          |          |          |
|                      | 17   |              |          |          |          |              |          |          |          |          |
|                      | 18   |              |          |          |          |              |          |          |          |          |
|                      | 19   |              |          |          |          | L            |          |          |          |          |
|                      | 20<br>21                                     |              | L        |          | L        | ┖            |          |          |          |          |
|                      | 21   |              | _        | L        | L        | 乚            | Ļ        | ╙        | L        |          |
|                      | 22   |              |          | L        | _        | L            | L        | <u> </u> | _        |          |
|                      | 23<br>24                                     |              | _        |          | _        | ┞            | <u> </u> | <u> </u> | ļ        |          |
|                      | 25   | ⊢            | -        | _        | -        | ┢            | ├_       | ⊢        | <u> </u> | <u> </u> |
| $\vdash$             | 25   | ⊢            | -        |          |          | ┢            |          | ⊢        | ├        | $\vdash$ |
|                      | 26<br>27                                     | ⊢            | -        |          | -        | ╁            | ┢        | ⊢        | H        | ├        |
| $\vdash$             | 28   | $\vdash$     | -        | $\vdash$ | ┢        | $\vdash$     | ┢╌       | ╁        |          | -        |
| $\vdash$             | 28<br>29                                     |              | ┢        | -        | ┢        | $\vdash$     | $\vdash$ | H        | $\vdash$ | $\vdash$ |
|                      | 30   | -            |          | -        | $\vdash$ |              | $\vdash$ |          | $\vdash$ | $\vdash$ |
|                      | 31   |              |          | -        | _        |              |          | T        | <u> </u> | _        |
|                      | 32   |              |          |          |          |              |          |          |          |          |
|                      | 31<br>32<br>33                               |              |          |          |          |              |          |          |          |          |
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| $\Box$               | 35   | Ш            |          | L        |          |              |          | 匚        |          |          |
|                      | 36   | $\vdash$     | _        |          | <u> </u> | _            | <u> </u> | <u>L</u> | Ш        | L        |
| $\vdash$             | 37   | $\vdash$     | ļ.,      | _        |          | <u> </u>     | <u> </u> | <u> </u> | <u> </u> |          |
|                      | 38   | <u> </u>     | _        |          | <u> </u> | ├-           | ├—       | $\vdash$ |          | _        |
|                      | 39<br>40                                     | -            |          | -        | <u> </u> | ┝            |          |          | -        |          |
|                      | 41   | -            | _        |          | ⊢        | H            |          |          | Н        |          |
|                      | 42   | -            | -        | _        | -        | -            | ┢        | $\vdash$ | Н        | -        |
|                      | 43   |              | $\vdash$ | -        | _        | H            | H        |          | H        |          |
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|                      | 46   | П            |          |          | $\vdash$ | Т            | $\vdash$ |          | Н        |          |
|                      | 47   |              |          |          | $\vdash$ | Г            | $\vdash$ |          | П        |          |
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|                      | 50   |              |          |          |          |              |          |          |          |          |

|   | _  |              | _            | _            | -            | 4   |       | _                    | -                   |          | _        | _        | _        |          |          | _  |              |
|---|--|--------------|--------------|--------------|--------------|-----|-------|----------------------|---------------------|----------|----------|----------|----------|----------|----------|--|--------------|
|   |  |              |              |              |              |     | Final | Original             |                     |          |          |          |          |          |          |  |              |
|   |  |              |              | <u> </u>     |              | 1   |       | 51                   | 1                   |          |          | -        |          | -        | $\vdash$ | <del>                                     </del> | ┢┈           |
|   |  | $\vdash$     | <u> </u>     | H            | ┢            | 1 : |       | 51<br>52             | ┢╌                  |          | -        | _        | _        |          |          | ┢  | ┢╌           |
|   |  | H            | -            |              | <del> </del> | 1   |       | 53                   | $\vdash$            |          |          |          | _        | -        | <u> </u> | ├-   | ┢            |
| - | -  |              | <del> </del> | $\vdash$     | H            |     |       | 53<br>54             | ┢╌                  | $\vdash$ | _        | -        | -        | _        | $\vdash$ | $\vdash$   | ┝            |
|   |  | $\vdash$     |              | $\vdash$     | H            | 1   |       | 55                   | $\vdash$            | -        | _        |          |          | _        | $\vdash$ | $\vdash$   | -            |
|   | -  | $\vdash$     | $\vdash$     |              | H            | 1   |       | 56                   | $\vdash$            |          | -        |          | _        | _        | -        |  | _            |
|   | $\vdash$   | <del> </del> | -            |              | -            | 1   |       | 56<br>57             | $\vdash$            |          |          |          |          |          | ┢        | -  |              |
|   | -  | -            |              | $\vdash$     | -            |     |       | 58                   | $\vdash$            | _        |          | -        |          | $\vdash$ | -        | _  | -            |
|   | -  | $\vdash$     |              | _            | $\vdash$     |     |       | 58<br>59             | $\vdash$            | _        | _        | $\vdash$ |          | $\vdash$ |          | -  | -            |
|   | <del> </del>                                     | $\vdash$     |              |              | $\vdash$     | 1   | _     | 60                   | $\vdash$            | _        | _        | _        |          |          |          | -  | ┢            |
| _ | ┢  | $\vdash$     |              | -            | ┢            | ł   |       | 60<br>61<br>62<br>63 |                     |          | _        | _        |          |          |          | $\vdash$   | $\vdash$     |
|   | $\vdash$   |              |              | $\vdash$     | $\vdash$     | 1   |       | 62                   | H                   |          | -        |          |          | -        |          | -  | ┝            |
| _ |  | -            |              | -            | -            |     |       | 63                   | $\vdash$            |          | -        | _        |          | -        |          | $\vdash$   | ⊢            |
|   | $\vdash$   |              | _            | <u> </u>     | -            |     |       | 64                   | $\vdash$            | -        |          |          | _        |          | _        | ┢  | -            |
|   | -  | -            |              | H            | -            |     |       | 64<br>65             | H                   | _        |          |          |          |          | <u> </u> |  | ┝            |
| - | <del>                                     </del> | -            |              | ┢            | ├            |     |       | 66                   |                     |          | _        | -        |          |          | i i      | $\vdash$   | ├            |
|   | -  | -            |              | -            | ┢            | 1   |       | 66<br>67             | $\vdash$            |          | _        | _        |          |          | _        | -  | ⊢            |
| _ | ┢  | -            | _            | _            | ├            |     |       | 68                   |                     |          | _        | -        |          |          |          | -  | -            |
|   | -  |              | -            | <del> </del> | ┢            |     |       | 60                   |                     |          |          | -        | _        | _        | -        | <u> </u>   |              |
| _ | <u> </u>   | $\vdash$     |              |              | ⊢            | ŀ   |       | 69<br>70             | Н                   |          |          | _        | _        |          | -        | <u> </u>   |              |
| - | $\vdash$   | _            |              | H            | -            |     |       | 71                   | H                   |          | -        | _        |          |          | $\vdash$ | _  | <del> </del> |
|   | ⊢  |              | _            | _            | H            |     | _     | 72                   | H                   |          |          | _        |          |          | _        | H  | _            |
|   | ┝  | H            | _            | ├            |              |     |       | 72<br>73             | Н                   |          | _        |          |          |          |          | _  | _            |
|   | <u> </u>   |              |              |              |              |     |       | 74                   | Н                   |          |          |          |          |          |          | -  | <u> </u>     |
| _ | _  | _            |              | ┝┈           | <del> </del> |     |       | 75                   | Н                   |          | _        |          | _        | _        |          | <u> </u>   | _            |
|   |  |              | _            | ├            | ┝            | i l |       | 75<br>76             | Н                   | -        | -        |          | _        |          | _        | _  | _            |
|   |  |              |              | ⊢            | ├            |     |       | 77                   | Н                   | -        |          | _        | -        |          |          | H  |              |
| - |  | _            |              | <u> </u>     | -            |     |       | 77                   | Н                   | -        | _        | _        |          |          | _        | $\vdash$   |              |
|   | <u> </u>   | Н            | _            | $\vdash$     | _            |     |       | 78<br>79             | Н                   |          | _        | $\vdash$ | _        |          |          |  |              |
| _ | _  | -            |              | $\vdash$     | $\vdash$     |     | _     | 79                   | Н                   | _        | _        |          |          |          | _        |  |              |
| _ |  |              |              | -            | _            |     |       | 80                   | Н                   |          |          |          | $\dashv$ |          |          | _  |              |
|   |  |              |              | ┝            | -            |     |       | 81                   | Н                   | _        | _        | _        | _        | _        |          |  |              |
|   |  |              | _            | -            | _            |     |       | 82                   | $\vdash$            |          | _        |          | _        |          |          |  | _            |
| _ | _  | -            | _            |              |              |     |       | 83                   | Н                   | -        | _        |          |          | _        |          | _  | _            |
|   | Н  | -            |              |              | _            |     |       | 84                   | Н                   |          | _        |          | _        | _        |          | _  |              |
| - |  | _            |              | _            | _            |     |       | 85                   | -                   | $\dashv$ | _        | $\dashv$ | $\dashv$ |          | _        |  |              |
| _ |  |              |              |              | -            |     |       | 86<br>87             | Н                   |          | $\dashv$ |          | _        | _        | _        |  |              |
| _ |  | $\dashv$     | _            |              |              |     |       | 87                   | Н                   |          | -        | _        | -        | _        |          |  |              |
| _ | _  | -            | _            | -            |              |     |       | 88                   |                     |          | $\dashv$ |          |          | _        |          |  |              |
| _ | _  |              | -            |              |              |     |       | 89<br>90             | - 4                 |          | $\dashv$ | $\dashv$ |          | _        |          |  |              |
| _ | $\vdash$   | $\dashv$     | -            | -            | _            |     |       | 90                   | $\dashv$            |          | _        | $\dashv$ |          | _        |          |  |              |
| _ |  | $\dashv$     |              | -            |              |     |       | 91                   | $\vdash$            |          |          |          | $\dashv$ |          |          |  |              |
| _ | -  | -            |              |              | -            |     |       | 92                   | $\vdash$            |          | -        |          |          | _        | $\dashv$ |  |              |
| 4 |  |              |              | Н            |              |     |       | 93                   | -                   |          | -        | _        | _        | _        |          | $\Box$   |              |
| 4 |  | _            | $\dashv$     | $\vdash$     |              |     |       | 94                   | $\vdash \downarrow$ | _        | _        | _        |          |          |          |  |              |
| 4 |  | -            | _            |              |              |     |       | 95                   | $\vdash \vdash$     |          | _        |          |          |          |          |  | _            |
| 4 | $\dashv$   |              | $\dashv$     | -            |              |     |       | 96                   | $\sqcup$            | _        | _        |          | _        |          |          | Ш  |              |
| 4 |  |              | _            | $\dashv$     | $\sqcup$     |     |       | 97                   | $\vdash \downarrow$ |          |          | _        | 4        | _        |          |  |              |
| 4 | _  |              | _            |              | $\dashv$     |     |       | 98                   | $\sqcup$            |          |          |          | _        |          |          |  |              |
| 4 |  |              | _            | $\Box$       | _            |     |       | 99                   | <u></u> ⊢.↓         | _        | _        |          |          | ]        | _        | _  | _            |
| _ |  | i            |              |              |              | [   | I     | 100                  | $\sqcup$            |          | l        | 1        |          |          |          |  |              |
|   |  |              |              |              |              |     |       |                      |                     |          |          |          |          |          |          |  |              |

| Cli  | aim                                    | Date     |          |                           |              |              |              |          |                |                 |
|--|--|----------|----------|---------------------------|--------------|--------------|--------------|----------|----------------|-----------------|
| Final  | Original                               |          |          |                           |              |              |              |          |                |                 |
|  | i                                      |          | ┢        | -                         | H            | <del> </del> | $\vdash$     | $\vdash$ | -              |                 |
|  | 101<br>102                             |          | Г        | Г                         |              | T            | Π            |          |                |                 |
|  | 103                                    |          |          |                           | 1            |              |              | -        | 一              | П               |
|  | 104                                    |          | ┢        |                           |              | Ť            | 1            |          | i              |                 |
|  | 103<br>104<br>105                      |          | Г        |                           | Г            |              |              | Г        |                |                 |
|  | 106                                    |          |          |                           | Г            | Ī            | Г            |          |                |                 |
|  | 107<br>108<br>109                      |          |          |                           |              |              |              |          |                |                 |
|  | 108                                    |          |          |                           |              |              |              |          |                |                 |
|  | 109                                    |          |          |                           |              |              |              |          |                |                 |
|  | 110                                    |          |          | <u></u>                   |              | <u> </u>     |              |          |                |                 |
| $\Box$   | 111<br>112<br>113                      | <u> </u> | <u> </u> | <u> </u>                  |              | <u> </u>     | _            | $\vdash$ | _              | Ш               |
|  | 112                                    | <u> </u> | <b> </b> | $ldsymbol{ldsymbol{eta}}$ | _            | _            | <u> </u>     | <u> </u> | L              | Щ               |
|  | 113                                    | <u> </u> | <u> </u> | <u> </u>                  | <u> </u>     | 1_           | <u> </u>     | <b> </b> | _              | Ш               |
|  | 114<br>115                             | <u> </u> | _        | $\vdash$                  | _            | $\vdash$     | ⊢-           | $\vdash$ | ⊢              | Ш               |
| <b> </b>   | 115                                    | ┞        |          | ├—                        | ⊢            | <del> </del> | $\vdash$     | <u> </u> | <del>  -</del> | Н               |
|  | 116                                    | -        | <u> </u> | ├                         |              | ├-           | <u> </u>     | _        | <u> </u>       |                 |
| $\vdash$   | 117                                    | ⊢        | ├—       | -                         | <u> </u>     | <u> </u>     | <u> </u>     | <b>!</b> | ⊢              | Н               |
| $\vdash$   | 118                                    | ⊢        | -        | ⊢                         |              |              | <u> </u>     | _        | _              | -               |
| $\vdash$   | 119<br>120<br>121                      | ⊢        |          | $\vdash$                  | ⊢            | <u> </u>     | <del> </del> | -        | ┝              | Н               |
|  | 120                                    | _        | $\vdash$ | -                         | ├            | ⊢            | -            | ⊢        | -              | Н               |
|  | 122                                    | -        | -        | $\vdash$                  | ├            | ⊢            | -            | -        | ⊢              | -               |
| $\vdash$   | 122                                    |          | ┝        |                           | ├            | ⊢            | _            | $\vdash$ |                | Н               |
|  | 122<br>123<br>124<br>125<br>126<br>127 |          |          | ┝                         | $\vdash$     | ├            | -            | -        | -              | Н               |
| -  | 125                                    | -        | ┢        |                           | $\vdash$     | -            | -            |          | -              | Н               |
|  | 126                                    |          | $\vdash$ | $\vdash$                  | <del> </del> | ┢            | -            | _        |                | Н               |
|  | 127                                    | $\vdash$ | ┢        |                           | -            | -            |              | $\vdash$ | $\vdash$       | Н               |
|  | 128                                    |          | $\vdash$ |                           |              |              |              |          | 1              | H               |
|  | 129                                    |          |          | ┢                         | $\vdash$     |              | $\vdash$     | ┢        |                | П               |
|  | 130                                    |          |          |                           |              | ┢            |              |          |                | П               |
|  | 131                                    |          |          |                           |              |              | _            |          |                | П               |
|  | 128<br>129<br>130<br>131<br>132        |          |          |                           | _            |              |              |          |                |                 |
|  | 133                                    |          |          |                           |              |              |              |          |                | П               |
|  | 133<br>134                             |          |          |                           |              |              |              |          |                |                 |
| ]  | 135                                    |          |          |                           |              |              | 匚            |          | 匚              | Ш               |
| ]  | 136<br>137<br>138                      |          |          |                           |              |              |              |          | L              | $\Box$          |
|  | 137                                    | Щ        | <u> </u> | _                         | _            | L.           |              | L.,      | _              | Ш               |
| $\vdash$   | 138                                    |          | L.,      |                           | _            |              | L            | Ь.       | <u> </u>       | Щ               |
| $\vdash$   | 139                                    | _        | Ш        | <u> </u>                  | <u> </u>     | $\vdash$     | H            | L_       | _              | Щ               |
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|  | 141                                    |          | <u> </u> | $\dashv$                  |              | $\vdash$     |              | <u> </u> | H              | Ш               |
|  | 142<br>143                             |          | $\vdash$ | $\vdash$                  | -            | $\vdash$     | $\vdash$     | Ь        | ├              | $\vdash \vdash$ |
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|  | 146                                    | H        | $\vdash$ |                           | -            | -            |              |          | Ι-             | Н               |
| <del>                                     </del> | 147                                    | $\vdash$ | Н        |                           | _            | $\vdash$     | H            |          | H              | Н               |
|  | 148                                    | $\vdash$ | Н        | -                         |              | -            |              |          | $\vdash$       | Н               |
|  | 149                                    |          | Н        | $\vdash$                  |              | Н            | $\vdash$     | -        | H              | $\vdash$        |
|  | 150                                    | $\dashv$ | $\vdash$ | $\dashv$                  | -            | $\vdash$     | -            | <b>—</b> | -              | $\vdash\vdash$  |
|  |  |          |          |                           | L            | ш            | ليسا         |          |                | 니               |